

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mike Borella on 1/14/2010.

The application has been amended as follows:

1. (Currently Amended) A method for optimizing display of information content on a client device, the method comprising:

receiving at a server a request from the client device for information content;

receiving at ~~[[a]]~~ the server the information content in a first data format from an information source;

determining an efficiency with which the client device can process the information content when the information content is stored in the first data format versus when the information content is stored in a second data format, wherein the first data format does not involve the server applying cascading style sheet pre-processing to the information content, and the second data format involves the server applying cascading style sheet pre-processing to the information content;

determining ~~[[the]]~~ transmission capabilities of a wireless communication link used to send the information content to the client device;

based on the efficiency with which the client device can process the information content in the first and second data formats, and the transmission capabilities of the wireless communication link, determining whether to transform the information content at the server from the first data format to the second data format before sending the information content to the client device via the wireless communication link; [[and]]

sending the information content to the client device in the first data format or the second data format;

determining that the wireless communication link has changed and a second wireless communication link is being used to send the information content to the client device; and

using a pre-set transformation mode associated with the second wireless communication link to determine whether to transform the information content at the server from the first data format to the second data format before sending the information content to the client device via the second wireless communication link.

2. (Cancelled)

3. (Currently Amended) The method of claim 1, wherein determining ~~whether to send the information content to the client device in the first data format or the second data format~~ whether to transform the information content at the server from the first data format to the second data format before sending the information content to the client device via the wireless communication link comprises determining whether to send the information content to the client device with no content transformations.

4. (Previously Presented) The method of claim 1, further comprising:

when the wireless communication link allows for high bandwidth communication, sending the information content to the client device in the first data format as received from the information source; and

when the wireless communication link allows for low bandwidth communication, transforming the information content from the first data format to the second data format and sending the information content to the client device in the second data format.

5. (Previously Presented) The method of claim 1, further comprising the client device detecting the transmission capabilities of the wireless communication link and switching between receiving the information content in the first data format or the second data format based on the transmission capabilities.

6. (Previously Presented) The method of claim 1, wherein determining the transmission capabilities of the wireless communication link used to send information content to the client device comprises:

determining if the wireless communication link is an IEEE 802.11 WiFi communication link; and

if so, sending the information content to the client device in the first data format as received from the information source.

7. (Previously Presented) The method of claim 6, further comprising after performing an authentication of the client device on the IEEE 802.11 WiFi communication link, switching between receiving the information content in the first data format to receiving the information content in the second data format.

8. (Currently Amended) The method of claim 1, wherein determining whether to transform the information content from the first data format to the second data format before sending the information content to the client device via the wireless communication link further comprises considering criteria specified by a user of the client device.

9. (Currently Amended) The method of claim 1, wherein determining the efficiency with which the client device can process the information content when the information content is stored in the first data format versus when the information content is stored in a second data format comprises ~~determining a time required to transform the information content from the first data format to the second data format~~ determining a time required to transform the information content from the first data format to the second data format at the client device.

10. (Previously Presented) The method of claim 1, wherein determining the transmission capabilities of [[a]] the wireless communication link used to send the information content to the client device comprises determining a time required to

transmit the information content via the wireless communication link in the first data format and in the second data format.

11-22. (Cancelled)

23. (New) A method for optimizing display of information content on a client device, the method comprising:

receiving at a server a request from the client device for information content;

receiving at the server the information content in a first data format from an information source;

determining a time required to transform the information content from the first data format to a second data format at the client device, wherein the first data format does not involve the server applying cascading style sheet pre-processing to the information content, and the second data format involves the server applying cascading style sheet pre-processing to the information content;

determining transmission capabilities of a wireless communication link used to send the information content to the client device;

based on the time required to transform the information content from the first data format to a second data format at the client device, and the transmission capabilities of the wireless communication link, determining whether to transform the information content at the server from the first data format to the second data format;
and

sending the information content to the client device in the first data format or the second data format.

24. (New) The method of claim 23, further comprising:

determining that the wireless communication link has changed and a second wireless communication link is being used to send the information content to the client device; and

using a pre-set transformation mode associated with the second wireless communication link to determine whether to transform the information content at the server from the first data format to the second data format before sending the information content to the client device via the second wireless communication link.

25. (New) The method of claim 23, wherein determining whether to transform the information content at the server from the first data format to the second data format comprises determining whether to send the information content to the client device with no content transformations.

26. (New) The method of claim 23, further comprising:

when the wireless communication link allows for high bandwidth communication, sending the information content to the client device in the first data format as received from the information source; and

when the wireless communication link allows for low bandwidth communication, transforming the information content from the first data format to the second data format and sending the information content to the client device in the second data format.

27. (New) The method of claim 23, further comprising the client device detecting the transmission capabilities of the wireless communication link and switching between receiving the information content in the first data format or the second data format based on the transmission capabilities.

28. (New) The method of claim 23, wherein determining the transmission capabilities of the wireless communication link used to send information content to the client device comprises:

determining if the wireless communication link is an IEEE 802.11 WiFi communication link; and

if so, sending the information content to the client device in the first data format as received from the information source.

29. (New) The method of claim 28, further comprising after performing an authentication of the client device on the IEEE 802.11 WiFi communication link, switching between receiving the information content in the first data format to receiving the information content in the second data format.

30. (New) The method of claim 23, wherein determining whether to transform the information content from the first data format to the second data format further comprises considering criteria specified by a user of the client device.

31. (New) The method of claim 23, wherein determining the transmission capabilities of the wireless communication link used to send the information content to the client device comprises determining a time required to transmit the information content via the wireless communication link in the first data format and in the second data format.

2. The following is an examiner's statement of reasons for allowance: Claim 1 requires the determination of an efficiency with which the client device can process the information, wherein the efficiency determination involves the efficiency of transmitting the data with CSS pre-processing. Additionally, Claim 1 requires detection of a wireless communication link change, and using a pre-set transformation mode with a link to determine whether to process the data with CSS pre-processing prior to data transmission. This is not taught by or obvious over the prior art.

3. Claim 23 requires the determination of an efficiency with which the client device can process the information, wherein the efficiency determination involves the efficiency of transmitting the data with CSS pre-processing. Additionally, Claim 23 requires the efficiency calculation to include a calculation of the time required for the client device,

which receives the data, to process the pre-processed CSS data. This is not taught by or obvious over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey R. Swearingen whose telephone number is (571)272-3921. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivek Srivastava can be reached on 571-272-7304. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Rupal D. Dharia/

Jeffrey R. Swearingen

Application/Control Number: 10/693,292

Page 11

Art Unit: 2445

Supervisory Patent Examiner, Art Unit 2400

Examiner
Art Unit 2445

/J. R. S./

Examiner, Art Unit 2445

/VIVEK SRIVASTAVA/

Supervisory Patent Examiner, Art Unit 2445